codequest

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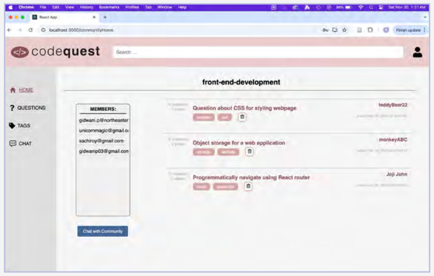
CS 4530
Group 206

DESCRIPTION OF OUR NEW FEATURES

Our program, CodeQuest, is a software question site. The baseline functionality including asking and answering questions, in addition to support for adding comments. We expanded on this, first with a login process for the application. Here, user data is stored and authenticated with Firebase. Moreover, when thinking about users on software question site, they will often have specific languages or systems they want to learn about. Thus, we support a feature for a user to choose tags that interest them (which they can also update later). We take this information and then suggest a community for the user to join, which they can accept, choose their own, or omit. Using this information, we have a homepage which displays different questions that might be relevant to the user, based on their community if specified. In addition, users will have a status based on a threshold of reliability that will define them as either a member or moderator. Moderators can edit or delete posts in their community. We implemented a chat feature so we can talk to other users in real time, as well as a chat feature built into the communities.

POSSIBLE FUTURE WORK

Future work could consist of more features to further the user experience. We could have stricter password requirements to enhance program security, and allow users to update their password for flexibility. We could also have the user profiles pop up for community members, so you can learn more about them. Our current profile page could also be updated to have profile pictures and descriptions in order to be more personal. Moreover, right now users are either members or moderators (if they classify). We could add more status classes with different functionality available at each level. For example a higher level class might be allowed to remove users from the community if needed.


Chrome File Edit View History Bookmarks Profiles Tab Window Help
React App
localhost:3000/communityHome
Finish update
codequest
Search ...
HOME
QUESTIONS
TAGS
CHAT
Chat with Community

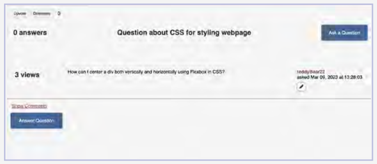
front-end-development

MEMBERS:
gidwani.p@northeaster
unicornmagic@gmail.c
sachiroy@gmail.com
gidwanip03@gmail.con

Question about CSS for styling webpage — teddyBear22

Object storage for a web application — monkeyABC

Programmatically navigate using React router — Joji John



0 answers

Question about CSS for styling webpage

3 views

How can I center a div both vertically and horizontally using Flexbox in CSS?

teddyBear22
asked Mar 09, 2023 at 13:28:03

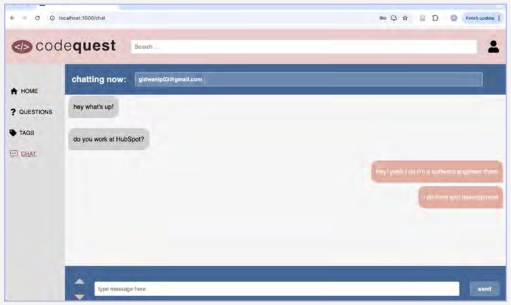
personalized homepage based on chosen community. this user is also a moderator, so they can see edit and delete functions.

TECHNOLOGY STACK AND DESIGN

User accounts are created and authenticated through Firebase. A new User is also added on MongoDB for future use. This comes into play when users select tags that interest them, a community, etc. We added a Community table on Mongo to save this data, referring to an interest group defined by specific tags. This also saves the users and questions related to that community. Throughout the flow of the program, we have several React hooks that come into play for tasks like creating users, retrieving community and tag names relevant to the user, and updating questions in the community when new ones are added. We also support real-time updates for the Community questions and users, which will automatically refresh when needed. All of this is held on the client side, and connects to our back-end controller (server side), which is responsible for updating data and communicating those changes back to client. Our chat functionality uses User data and authenticated Firebase accounts to allow users to send messages. These messages are stored in the Firestore Database in a collection, so they can be accessed again.

REPOSITORY AND DEMO

source repo: https://github.com/neu-cs4530/fall24-team-project-group-206.git
public demo site: https://cs4530-f24-206.onrender.com



chatting now: gidwanip03@gmail.com

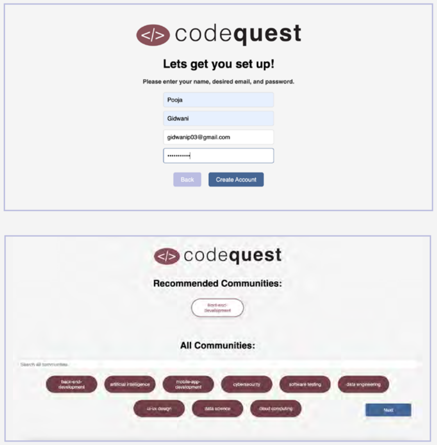
hey what's up!

do you work at HubSpot?

hey! yeah i do i'm a software engineer there

i do front end development

chat functionality to talk to other users. chatting within a community also supported.



Lets get you set up!

Please enter your name, desired email, and password.

Pooja
Gidwani
gidwanip03@gmail.com
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Recommended Communities:

front-end-development

All Communities:

back-end-development
artificial intelligence
mobile-app-development
cybersecurity
software testing
data engineering
ui-ux design
data science
cloud computing

supports existing user login, and new user setup (shown above). includes personalized community selection, based off the tags of interest chosen by the user.